

Amendments to the Drawings:

Please substitute Replacement Sheet 3-3 as in the enclosed Appendix for original drawing sheet 3-3. This Replacement Sheet amends Fig. 4 to substitute reference character --3A-- for reference character "3". Noting, for example, page 36, lines 20-23, of Applicants' specification, it is respectfully submitted that this amendment of Fig. 4 does not add new matter to the application.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes

REMARKS

The objection to the drawings as failing to comply with 37 CFR 1.84(p)(5), set forth in Item 1 on page 2 of the Office Action mailed January 26, 2005, is noted. Attention is respectfully directed to Replacement Sheet 3-3, enclosed herewith, in which Fig. 4 has been amended to include reference character "3A" rather than reference character "3". In view of Replacement Sheet 3-3, it is respectfully submitted that the objection to the drawings as set forth in Item 1 on page 2 of the Office Action mailed January 26, 2005, is moot.

Applicants have amended the paragraph added to the first page of the specification by the Preliminary Amendment filed June 25, 2003, to update the status of prior Application No. 10/182,181. It is respectfully submitted that this amendment to the specification does not add new matter to the application. In view of this amendment, the objection to the specification as set forth in Item 4 on page 3 of the Office Action mailed January 26, 2005, is moot.

Applicants have amended their specification respectively on pages 34 and 37 to identify wiring board (FR-5) "12" and multi-layer bonding prepreg (glass epoxy) "23", respectively. In view of amendments to pages 34 and 37 of Applicants' specification; and in light of amendment of Fig. 4 to set forth the reference character "3A" rather than "3", it is respectfully submitted that the bases for objection to the drawings as set forth in Item 2 on pages 2 and 3 of the Office Action mailed January 26, 2005, are moot.

Objections to the claims as set forth in Item 3 on page 3 of the Office Action mailed January 26, 2005; and the claim language suggestions set forth in Item 5 on pages 4 and 5 of this Office Action mailed January 26, 2005, are noted. The Examiner is thanked for the claim language suggestions. Applicants have amended

their claims in the present amendments, in light of the claim language suggestions by the Examiner. Particularly in view thereof, it is respectfully submitted that the claim objections in the Office Action mailed January 26, 2005, are moot.

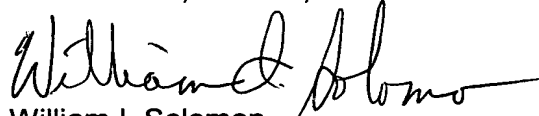
Suggestion for changes to the specification, set forth in the second paragraph of Item 5, on page 4 of the Office Action mailed January 26, 2005, is noted. While the claim language has been amended, it is respectfully submitted that Applicants need not correspondingly amend the specification, since it is respectfully submitted that the description in the specification is sufficiently clear as is.

In view of all of the foregoing, it is respectfully submitted that the claims in the application should now be in allowable condition, and the application in condition to be passed to issue. Accordingly, reconsideration and allowance of all claims in the application, and passing of the above-identified application to issue in due course, are respectfully requested.

To the extent necessary, Applicants petition for an extension of time under 37 CFR § 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to the Deposit Account No. 01-2135 (Case No. 503.41877V1) and please credit any excess fees to such Deposit Account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

A handwritten signature in black ink, appearing to read 'William I. Solomon', is written over the printed name.

William I. Solomon
Registration No. 28,565

1300 North Seventeenth Street
Suite 1800
Arlington, VA 22209
Tel.: 703-312-6600

WIS/slk

3/3



FIG. 4

